



0801-03 1632

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HADLACZKY *et al.*
Serial No. 09/724,693
Filed: November 28, 2000
Customer No.: 24961
Confirmation No.: 7857
For: *ARTIFICIAL CHROMOSOMES,
USES THEREOF AND METHODS
FOR PREPARING ARTIFICIAL
CHROMOSOMES*
Art Unit: 1632
Examiner: Shukla, R.R.

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label Number

EV 335465008 US

Date of Deposit July 30, 2003

I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 C.F.R. §1.10 on the date indicated above and addressed to:

Commissioner for Patents
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

07/30/2003

Date


Jonathan Ong

TRANSMITTAL LETTER

Commissioner for Patents
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith are a Supplemental Information Disclosure statement, Form PTO-1449 (2 pages) and cited references for filing in connection with the above-identified application.

- (X) The Commissioner is hereby authorized to charge the fee for the Information Disclosure Statement and any other fees that may be due under 37 C.F.R. §§1.16-1.17 in connection with this paper or with this application during its entire pendency to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted
HELLER EHRMAN WHITE & McAULIFFE LLP

By:


Stephanie L. Seidman
Registration No. 33,779

Attorney Docket No. 24601-402G
Address all correspondence to:
Stephanie L. Seidman
HELLER EHRMAN WHITE & McAULIFFE
4350 La Jolla Village Drive, 7th Floor
San Diego, California 92122-1246
Telephone: (858) 450-8400
Facsimile: (858) 587-5360
EMAIL: sseidman@hewm.com

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HADLACZKY *et al.*

Serial No.: 09/724,693

Filed: November 28, 2000

Customer No.: 24961

Confirmation No.: 7857

For: *ARTIFICIAL CHROMOSOMES,
USES THEREOF AND METHODS
FOR PREPARING ARTIFICIAL
CHROMOSOMES*

Art Unit: 1632

Examiner: Shulka, R.R.

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label Number

EV 335465008 US

Date of Deposit July 30, 2003

I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 C.F.R. § 1.10 on the date indicated above and addressed to:

Commissioner for Patents
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

07/30/2003

Date


Jonathan Ong

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN
ACCORDANCE WITH 37 C.F.R. §§ 1.97-1.98**

Commissioner for Patents
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Since this Supplemental Information Disclosure Statement is filed before the receipt of a first Office Action on the merits for the above-captioned application, no filing fee is due. If it is determined that a fee is due, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-1213.

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent Office of all references known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Supplemental Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§ 1.97-1.98. Form PTO-1449 (2 pages) and copies of the cited documents are provided herewith.

The documents listed on Form PTO-1449 and supplied herewith are in the English language. Hence, in accordance with the requirements of 37 C.F.R. § 1.98, as amended effective March 16, 1992, no further explanation of the listed items is necessary.

Applicant also makes known to the Examiner the following U.S. and International applications which are commonly owned and/or have one or more inventors in common.

U.S.S.N. 09/724,693

Hadlaczky *et al.*

Supplemental Information Disclosure Statement

<u>U.S.S.N.</u>	<u>Filing Date</u>	<u>Docket No.</u>
10/219,694	08/14/02	24601-402M
10/287,313	11/01/02	24601-402N
10/235,119	09/03/02	24601-416D
10/161,408	05/30/02	24601-419
10/428,653	05/01/03	24601-426

<u>Int'l App. No.</u>	<u>Filing Date</u>	<u>Docket No.</u>
PCT/US02/17451	05/30/02	24601-419PC

Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the references, singly or in any combination thereof, is effective as prior art against the subject application. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Applicant respectfully requests that the Examiner review the foregoing references and information and that they be made of record in the file history of the above-captioned application.

* * *

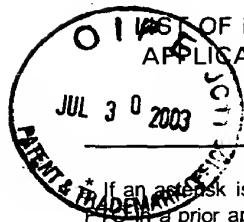
Respectfully submitted,
HELLER EHRMAN WHITE & McAULIFFE LLP

By: _____

Stephanie L. Seidman
Registration No. 33,779

Attorney Docket No.: 24601-402G
Address all correspondence to:
Stephanie L. Seidman
HELLER EHRMAN WHITE & McAULIFFE LLP
4350 La Jolla Village Drive, 7th Floor
San Diego, California 92122-1246
Telephone: (858) 450-8400
Facsimile: (858) 587-5360
EMAIL: sseidman@hewm.com

FORM PTO-1449

ATTY. DOCKET NO.
24601-402GSERIAL NO.
09/724,693CONFIRM NO.
7857OFFICE OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENTAPPLICANT
HADLACZKY *et al.*CUSTOMER NO.
24961FILING DATE
November 28, 2000GROUP
1632

* If an asterisk is placed beside the reference number, a copy is NOT provided because the reference was previously cited by or submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120. 37 C.F.R. § 1.98(d).

+ Derwent English language abstract and/or English translation provided.

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
	A	5	2	7	0	2	0	1	12/14/93	Richards <i>et al.</i>	435	240.4	03/30/92
	B	6	1	0	0	0	9	2	08/08/00	Borysyuk <i>et al.</i>	435	468	06/15/98
	C	6	3	5	5	8	6	0	03/12/02	Borysyuk <i>et al.</i>	800	278	06/15/99

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No	
NONE														

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

D	Berlani <i>et al.</i> , "Genomic organization of two families of highly repeated nuclear DNA sequences of maize selected for autonomous replicating activity in yeast", <i>Plant Molecular Biol.</i> , <u>11</u> :161-172 (1988)
E	Berlani <i>et al.</i> , "Sequence analysis of three fragments of maize nuclear DNA which replicate autonomously in yeast", <i>Plant Molecular Biol.</i> , <u>11</u> :173-182 (1988)
F	Blackburn <i>et al.</i> , BOOK: <u>Telomeres</u> , Chapter 13, "Plant Telomeres", Cold Spring Harbor Laboratory Press, pp. 371-387 (1995)
G	de Jong <i>et al.</i> , "Chromosome and DNA-Mediated Gene Transfer in Cultured Mammalian Cells", <i>International Review of Cytology</i> , <u>92</u> :133-158 (1984)
H	Eckdahl <i>et al.</i> , "DNA structures associated with autonomously replicating sequences form plant", <i>Plant molecular Biol.</i> , <u>12</u> :506-516 (1989)
I	Frary <i>et al.</i> , "Molecular mapping of the centromeres of tomato chromosomes 7 and 9", <i>Mol. Gen. Genet.</i> , <u>250</u> :295-304 (1996)

EXAMINER

DATE CONSIDERED

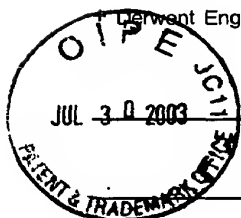
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Titl : **ARTIFICIAL CHROMOSOMES, USES THEREOF AND METHODS FOR PREPARING ARTIFICIAL CHROMOSOMES**

FORM PTO-1449	ATTY. DOCKET NO. 24601-402G	SERIAL NO. 09/724,693	CONFIRM NO. 7857
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT HADLACZKY <i>et al.</i>	CUSTOMER NO. 24961	
	FILING DATE November 28, 2000	GROUP 1632	

* If an asterisk is placed beside the reference number, a copy is NOT provided because the reference was previously cited by or submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120. 37 C.F.R. § 1.98(d).

Derwent English language abstract and/or English translation provided.



OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

J	Hadlaczký <i>et al.</i> , "DNA Synthesis And Division In Interkingdom Heterokaryons", <i>In Vitro</i> , <u>16(8)</u> :647-650 (1980)
K	Hoffman <i>et al.</i> , "Lipochromosome Mediated Gene Transfer: Identification And Probable Specificity Of Localization Of Human chromosomal Material And Stability Of The Transferents", <i>In Vitro</i> , <u>17(8)</u> :735-740 (1981)
L	Houben <i>et al.</i> , "Immunostaining and interphase arrangement of field bean kinetochores", <i>Chrom. Res.</i> , <u>3</u> :27-31 (1995)
M	Kaszas <i>et al.</i> , "Misdivision analysis of centromere structure in maize", <i>EMBO J.</i> , <u>15(19)</u> :5246-5255 (1996)
N	Jiang <i>et al.</i> , "A conserved repetitive DNA element located in the centromeres of cereal chromosomes", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <u>93</u> :14210-14213 (1996)
O	Mole-Bajer <i>et al.</i> , "Autoantibodies from a patient with scleroderma CREST recognized kinetochores of the higher plant <i>Haemaphys</i> ", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <u>87</u> :3599-3603 (1990)
P	Moore <i>et al.</i> , "Centromeric sites and cereal chromosome evolution", <i>Chromosoma</i> , <u>105</u> :321-323 (1997)
Q	Rhodes <i>et al.</i> , "Telomere structure and function", <i>Curr. Opin. Struc. Biol.</i> , <u>5</u> :311-322 (1995)
R	Mukherjee <i>et al.</i> , "Entrapment of metaphase chromosomes into phospholipid vesicles (lipochromosomes): Carrier potential in gene transfer", <i>Proc. Natl. Acad. Sci. USA</i> , <u>75(3)</u> :1361-1365 (1978)
S	Voet, D. and Voet, J., BOOK: <u>Biochemistry</u> , Chapter 33, "Eukaryotic Gene Expression", John Wiley & Sons, New York, p. 1033 (1990)
T	Zakian, "Telomeres: Beginning to Understand the End", <i>Science</i> , <u>270</u> :1601-1607 (1995)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Titl : **ARTIFICIAL CHROMOSOMES, USES THEREOF AND METHODS FOR PREPARING ARTIFICIAL CHROMOSOMES**